

Washington's Longitudinal Data Systems – P-20 Overview

December 2009

Washington Education Research Association – Seattle, WA



Who we are – Background

- ▶ 2007 Legislature (RCW 43.41.400) established an “education data center” in OFM.
- ▶ Education Research & Data Center (ERDC)
- ▶ Collaborative analyses of early learning, K–12, and higher education programs across the P–20 sectors
- ▶ Provide research
- ▶ Make data available to contributing agencies, to the extent allowed

Who we are – Partnerships

- ▶ Department of Early Learning (DEL)
- ▶ Office of Superintendent of Public Instruction (OSPI), State Board of Education (SBE), Professional Educator Standards Board (PESB)
- ▶ Higher Education Coordinating Board (HECB), State Board for Community & Technical Colleges (SBCTC), Workforce Education & Training Coordinating Board (WTECB), public baccalaureate institutions
- ▶ Employment Security Department (ESD)

Current work – Accomplishments

- ▶ Developed a preliminary longitudinal data system spanning K–12 and public higher education.
- ▶ Compiled research briefs featuring longitudinal analyses
- ▶ Established a website (www.erd.c.wa.gov) and a compendium of education indicators
- ▶ Participated in K–12 feasibility study, HECB strategic planning, and K–12 data governance

Current work – New Capabilities

- ▶ Linking with employment data

Employment status: How many high school students are employed during the school year? For how many hours per month?

Employment outcomes: What are the workforce outcomes for completers of a particular program in my school? Did they enter the workforce immediately upon graduation? Did they work full-time or part-time? How many jobs did they have? Wages?

Current work – New Capabilities

► Employment status of teachers

Employment status: What is the employment status of teachers who left my district? Employed in another district? In another industry? Wages in new job?

Teacher Supply: In what industries are certificated teachers employed? How about those with current endorsements in secondary math? What are the employment outcomes for newly certificated teachers? How many are employed in industries other than education?

Current work – Data-Sharing

- ▶ Currently have data-sharing agreements in place with OSPI, SBCTC, HECB, public baccalaureate institutions, Employment Security
 - Physical receipt of data (secure transfer, secure storage)
 - Agreed-upon uses of data
 - Specifications for release of results (example – minimum cell size for summary reports)
 - With whom datasets may be shared

Graduation and high school enrollment information reflects what is in the OSPI student record system.

Only Washington State public higher education institutions are included in this report. Higher education data are from PCHEES and SBCTC records.

Due to differences in data definitions, these numbers should not be used to infer a graduation rate. For graduation rate statistics, refer to www.k12.wa.us/DataAdmin/

All 2006 H.S. Seniors N = 76,572

Low Income (FRPL)	27.6%
Limited English	3.6%
Female	49.5%
Special Education	10.0%
Disabled	9.1%

White	54%
Hispanic	22%
Asian/Pacific Islander	10%
Black/African American	9%
American Indian	4%

Graduated

60,901 (80% of seniors)

Among graduates:

Regular Diploma	60,205	(99%)
GED/IEP/Adult HS Diploma	696	(1%)

Did Not Graduate

15,671 (20% of seniors)

Among non-graduates:

Still enrolled	6,488	(41%)
Dropout	2,462	(16%)
Transfer/Unknown	6,721	(43%)

In 2006-07, 48% of graduates went on to a Washington public higher education institution

19% of graduates
attended a 4-year
institution

31% of graduates
attended a community
or technical college

In 2006-07, 19% of non-graduates went on to a Washington public higher education institution

1% of non-graduates
attended a 4-year
institution

18% of non-graduates
attended a community
or technical college

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Low Income 2006 H.S. Seniors N = 21,097

Low Income (FRPL)
27.6% of all Seniors

White	54%
Hispanic	22%
Asian/Pacific Islander	10%
Black/African American	9%
American Indian	4%

Graduated

15,131 (72% of seniors)

Among graduates:

Regular Diploma	14,902	(98.5%)
GED/IEP/Adult HS Diploma	229	(1.5%)

Did Not Graduate

5,996 (28% of seniors)

Among non-graduates:

Still enrolled	2,720	(46%)
Dropout	910	(15%)
Transfer/Unknown	2,336	(39%)

In 2006-07, 37% of graduates went on to a Washington public higher education institution

9% of graduates
attended a 4-year
institution

29% of graduates
attended a community
or technical college

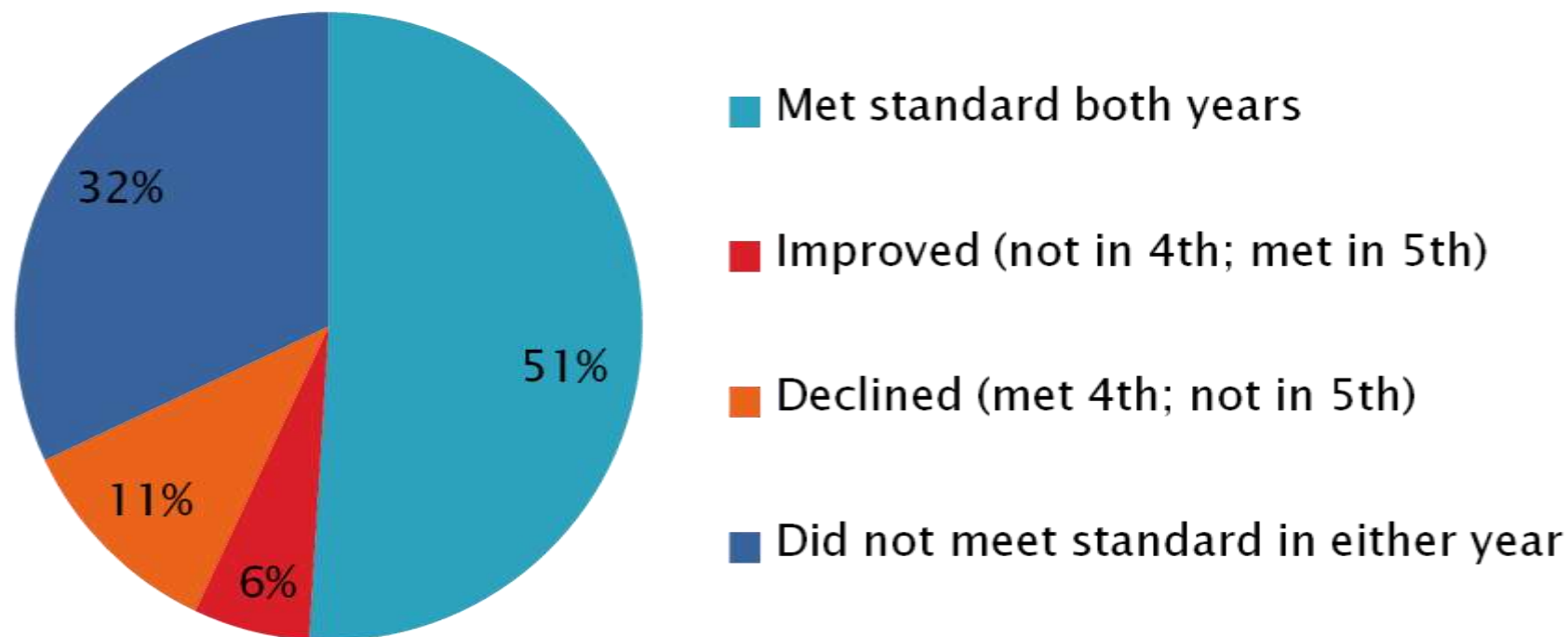
In 2006-07, 14% of non-graduates went on to a Washington public higher education institution

<1% of non-graduates
attended a 4-year
institution

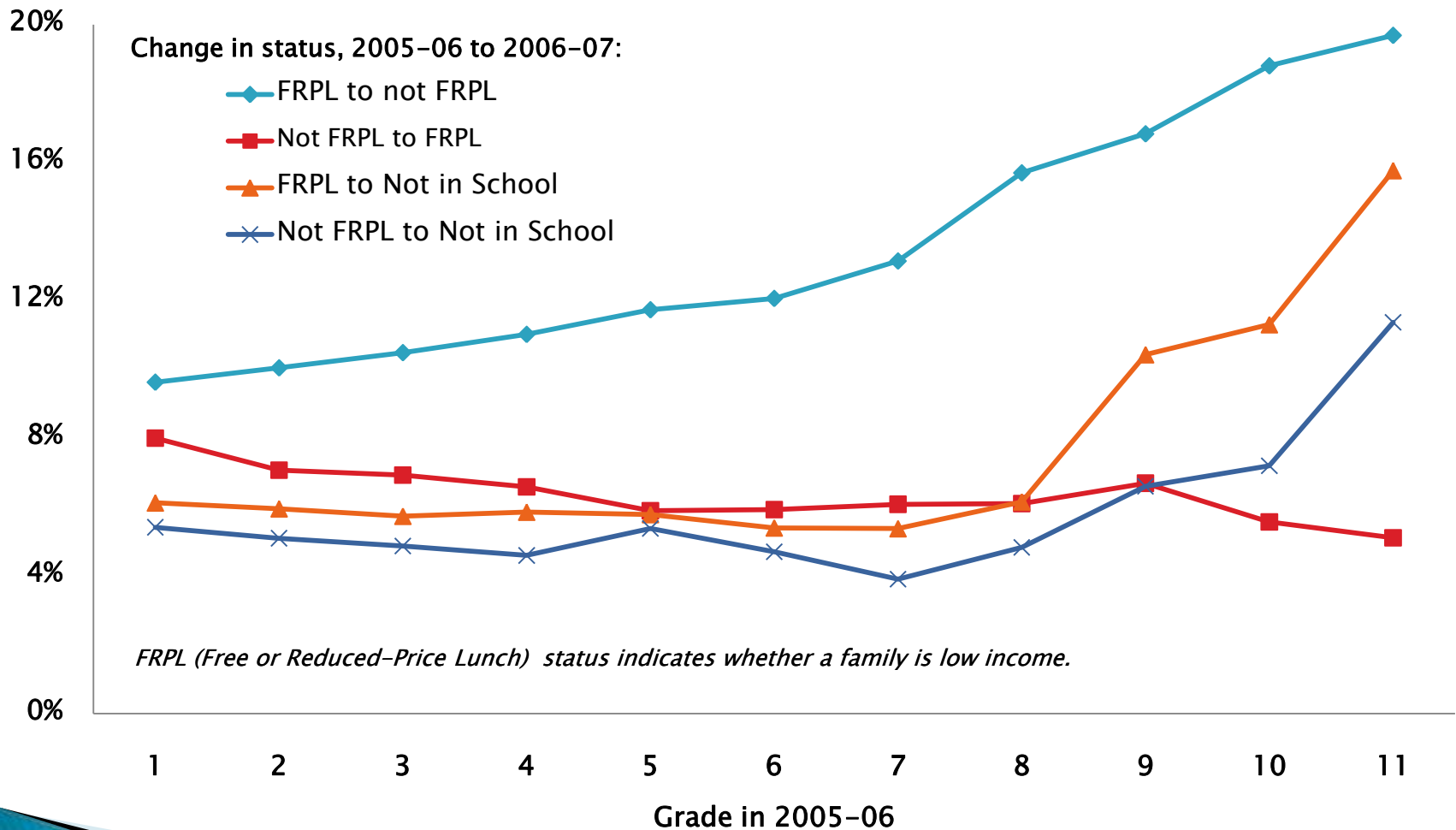
14% of non-graduates
attended a community
or technical college

WASL Progress: Following Students from 4th to 5th Grade

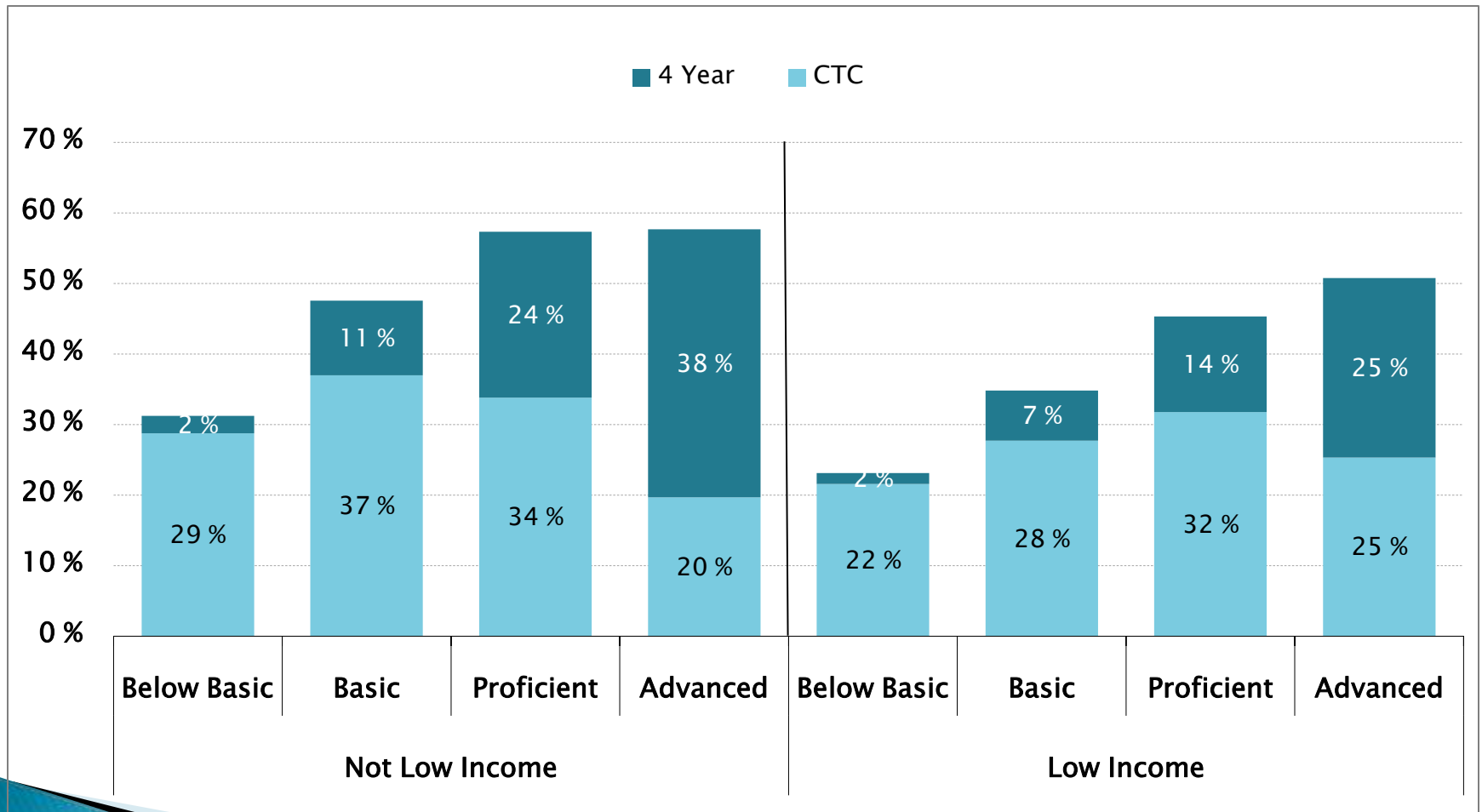
Meeting Math WASL Standard



Student Income or Enrollment Changes between 2005–06 and 2006–07

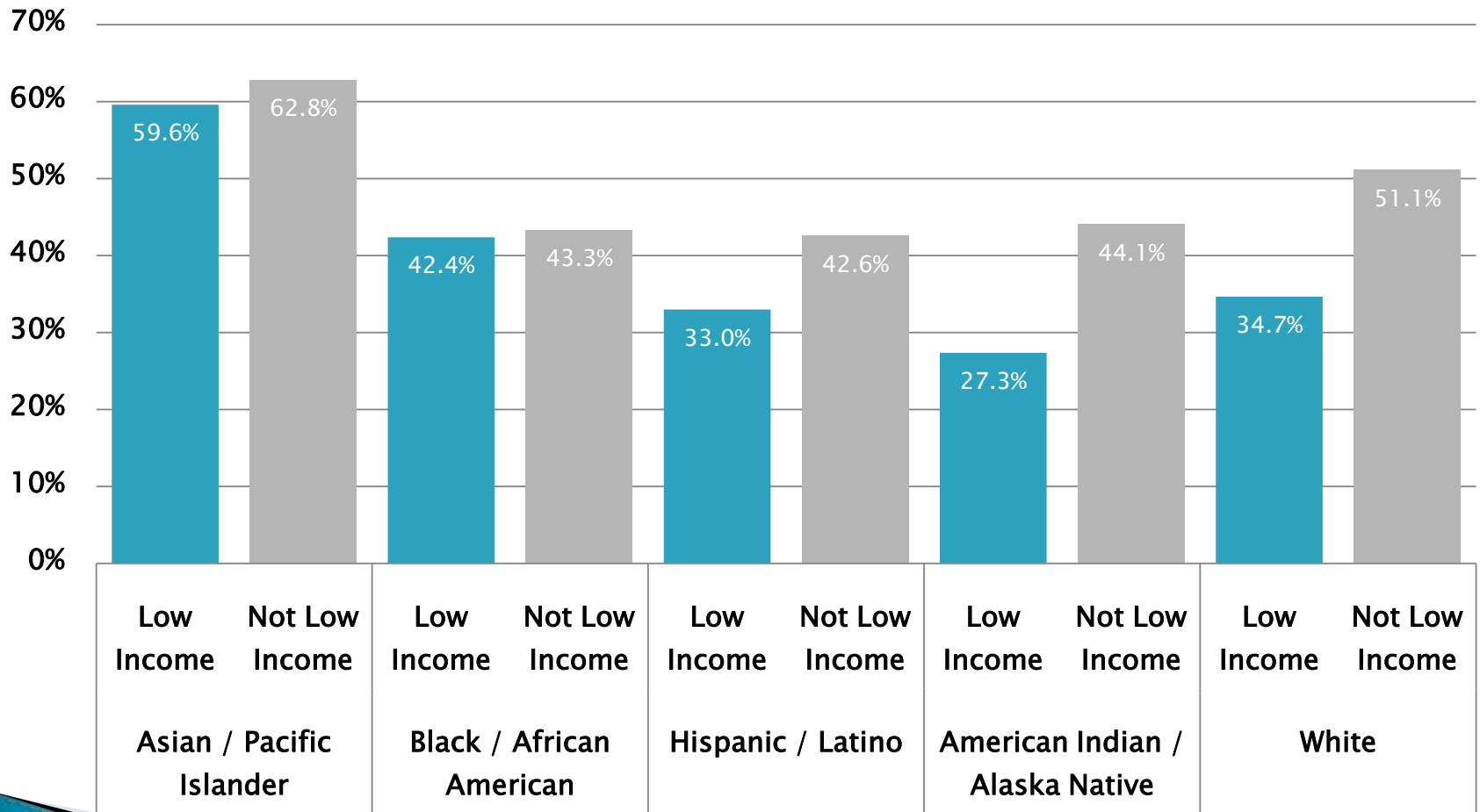


Higher Education Enrollment* by Income Status and Math WASL Level



*at a Washington public higher education institution

Higher Education Enrollment* by Race / Ethnicity and Income



Student Mobility and Graduation

(among 10th grade students who were enrolled each year 2005–06 to 2007–08)

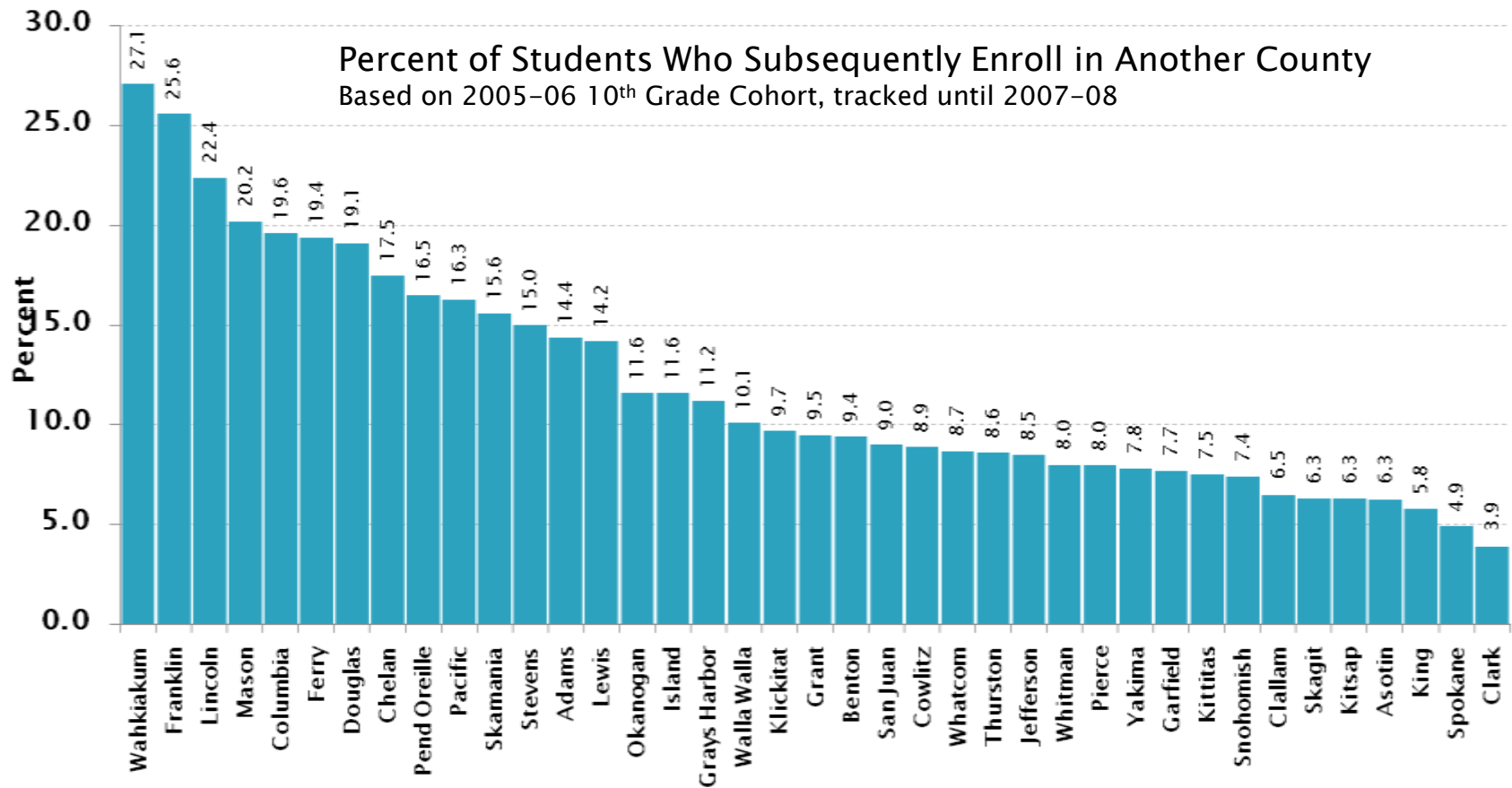
	Distribution of # Districts Attended			Graduated (on time)		
# Districts	Total	FRPL	Not FRPL	Total	FRPL	Not FRPL
1	83 %	74 %	87 %	78.8 %	63.8 %	85.0 %
2	14 %	20 %	11 %	48.0 %	39.5 %	55.8 %
3+	3 %	6 %	2 %	24.1 %	21.1 %	28.7 %

2nd grade cohort: Tracked to 4th grade

# Schools	# Schools Attended			Met 4 th Grade WASL Standard (math)			Met 4 th Grade WASL Standard (reading)		
	Total	FRPL	Not FRPL	Total	FRPL	Not FRPL	Total	FRPL	Not FRPL
1	69.1%	60.6%	75.0%	56.5%	39.2%	66.2%	74.3%	60.9%	81.9%
2	23.8%	28.2%	20.7%	48.0%	35.2%	60.1%	66.6%	56.4%	76.2%
3+	7.1%	11.1%	4.3%	35.6%	29.8%	46.0%	56.1%	50.1%	65.4%

Cohort of 2005–06 2nd graders tracked until 4th grade in 2007–08

Students Enrolling in Another County



Plans

- ▶ Data–Governance – Focus on complexities of multi–agency analysis and data sets
- ▶ Research & Reporting – Develop information useful to educators (all sectors), policy–makers, parents, students, general public
- ▶ Data Systems Improvements – work toward P–20 dictionary, more efficient data storage, interoperability, improvements in source systems (DEL, SBCTC, WTECB)

ARRA Grant Proposal

- ▶ Evergreen State P-20 Data System (ESP-20)
- ▶ Grant proposal for \$17.3 million submitted December 3
- ▶ Submitted by OSPI as the SEA
- ▶ Collaboration with ERDC partner agencies
- ▶ Awards may be announced in spring 2010
- ▶ ESP-20 proposal organized around 5 outcomes: Data Governance, Research & Reporting, P-20 Data Warehouse, Interoperability, Source System Enhancements

Research & Reporting

- ▶ Feedback reports
- ▶ Research briefs
- ▶ Research data sets
- ▶ Social services data-to-information project
- ▶ Employment data handbook
- ▶ Incorporation of National Student Clearinghouse data

Feedback Report Example

	<u>State</u>	<u>District</u>	<u>School</u>
Number of 12th graders	75,000	1,000	400
Status at end of 2005–06:			
Graduated	a	b	c
GED	d	e	f
Still enrolled	g	h	i
Drop-out	j	k	l
Unknown	m	n	o
HS Graduation Rate	x%	y%	z%
Extended HS Graduation Rate (as reported by OSPI, using cohort tracking method)	p%	q%	r%
Postsecondary Enrollment			
•WA public baccalaureate	s	t	u
•WA public CTC	v	w	x
•Private or out-of-state institution	y	z	aa
•College-Going Rate (enrolled at any of the above)	a	b	c

Feedback Report Example

	<u>State</u>	<u>District</u>	<u>School</u>
Any Postsecondary Enrollment (Washington public 4-year or CTC or other) by student characteristics:			
High School GPA			
less than 2.0	d	e	f
2.0 – 3.0	g	h	i
3.0 +	j	k	l
Gender			
Male	m	n	o
Female	p	q	r
Income			
Low Income (FRPL)	s	t	u
Not FRPL	v	w	x
Dual-enrollment students (Running Start, College in HS)	y	z	aa
Workforce Information			
Employed in 05–06 school year	a	b	c
Employed in 06–07	d	e	f
Enrolled in postsecondary <i>and</i> employed	g	h	i

Feedback from you

- ▶ What summary information would you like to see?
- ▶ What are the best ways to get the input we need to develop products useful to you?

THANKS!

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